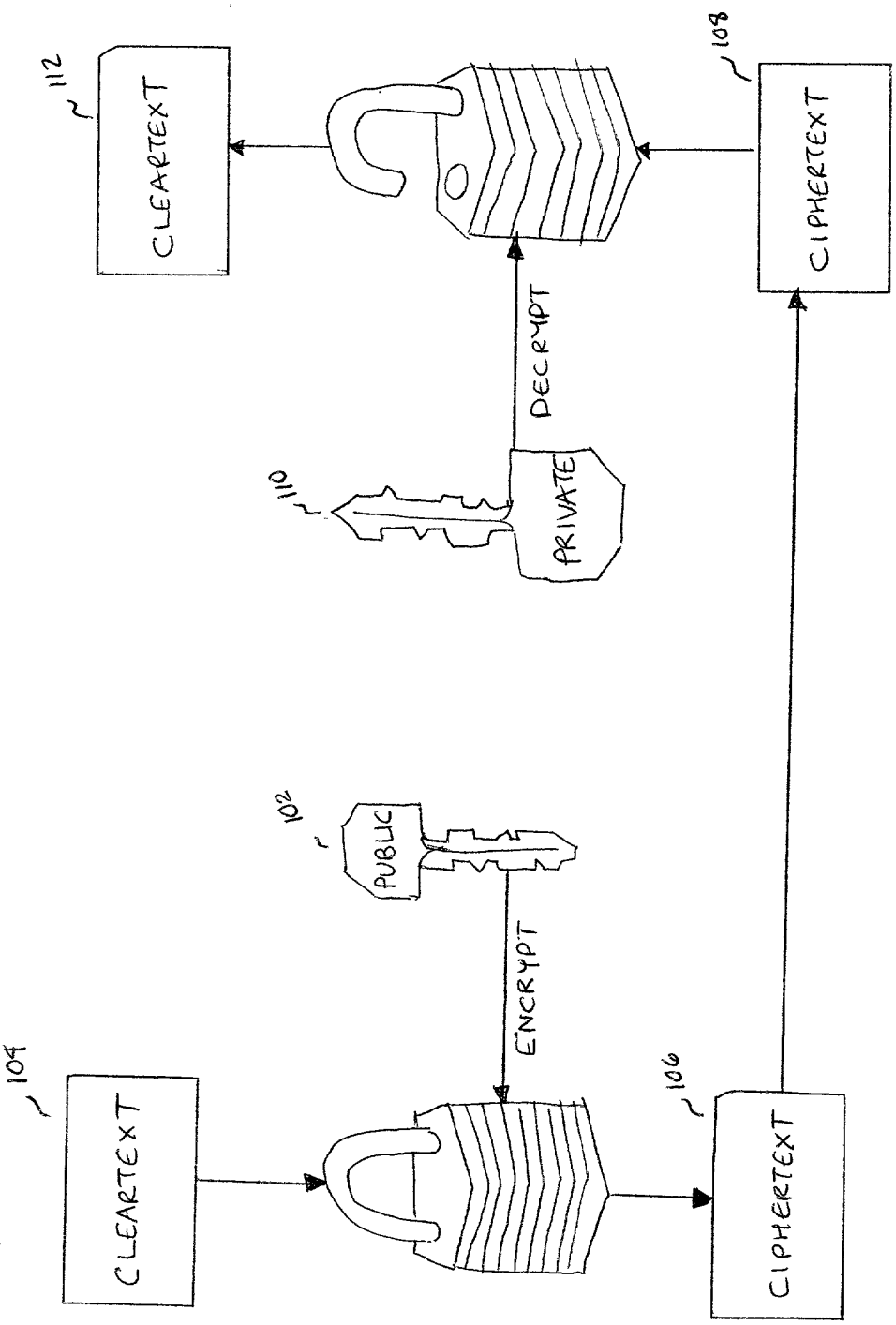

FIG. 1
(PRIOR ART)

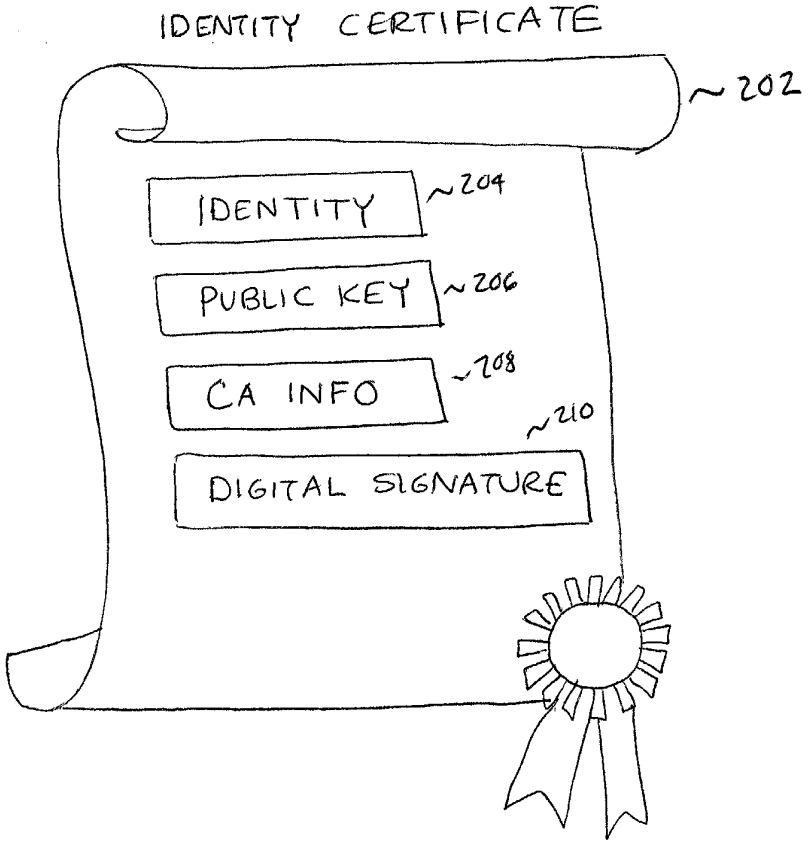

FIG. 2A
(PRIOR ART)

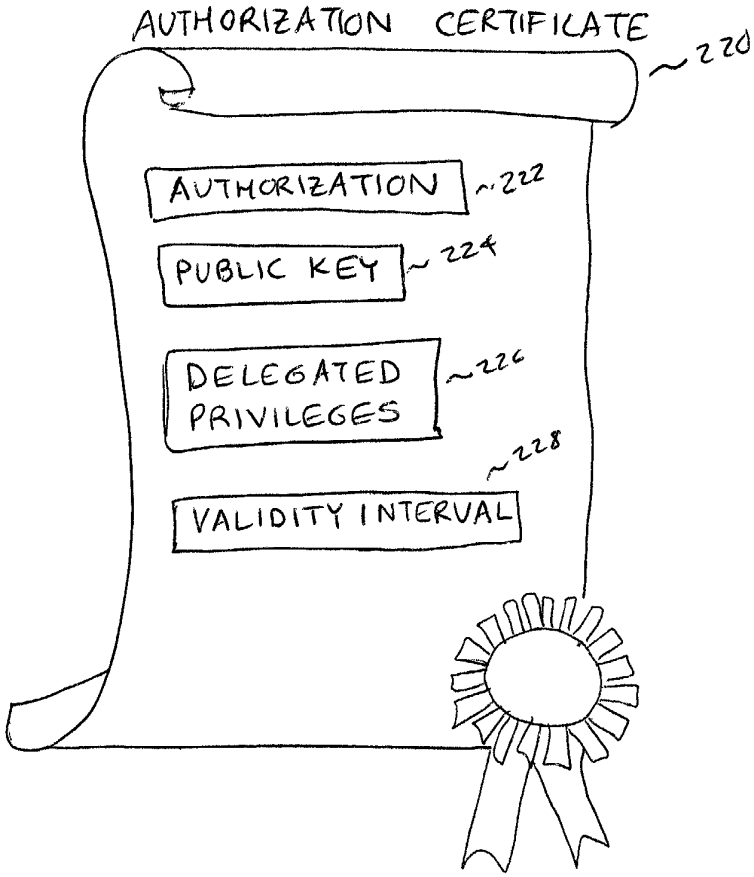
AUTHORIZATION CERTIFICATE
220
AUTHORIZATION
222
PUBLIC KEY
224
DELEGATED PRIVILEGES
226
228
VALIDITY INTERVAL

FIG. 2B

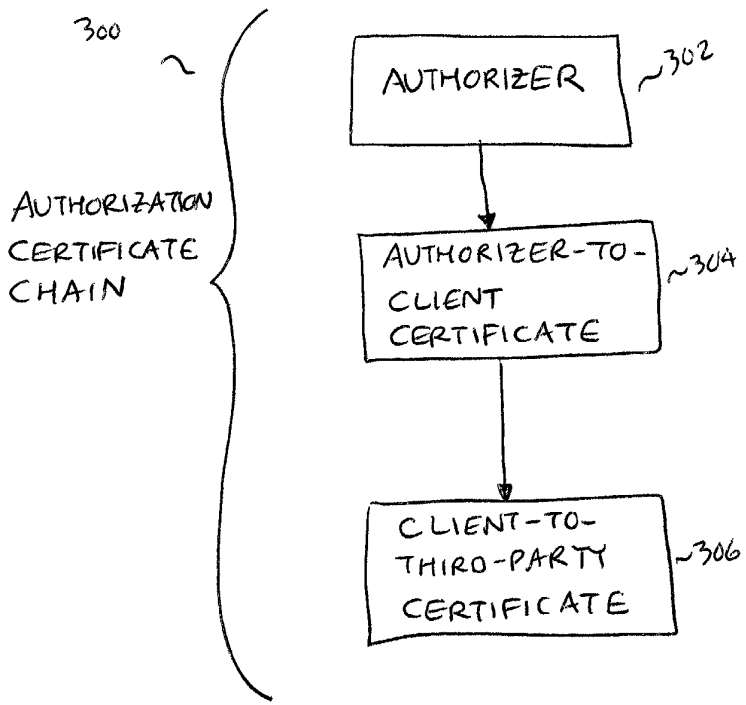
300
AUTHORIZATION CERTIFICATE CHAIN
AUTHORIZER
302
AUTHORIZER-TO-CLIENT CERTIFICATE
304
CLIENT-TO-THIRD-PARTY CERTIFICATE
306

FIG. 3

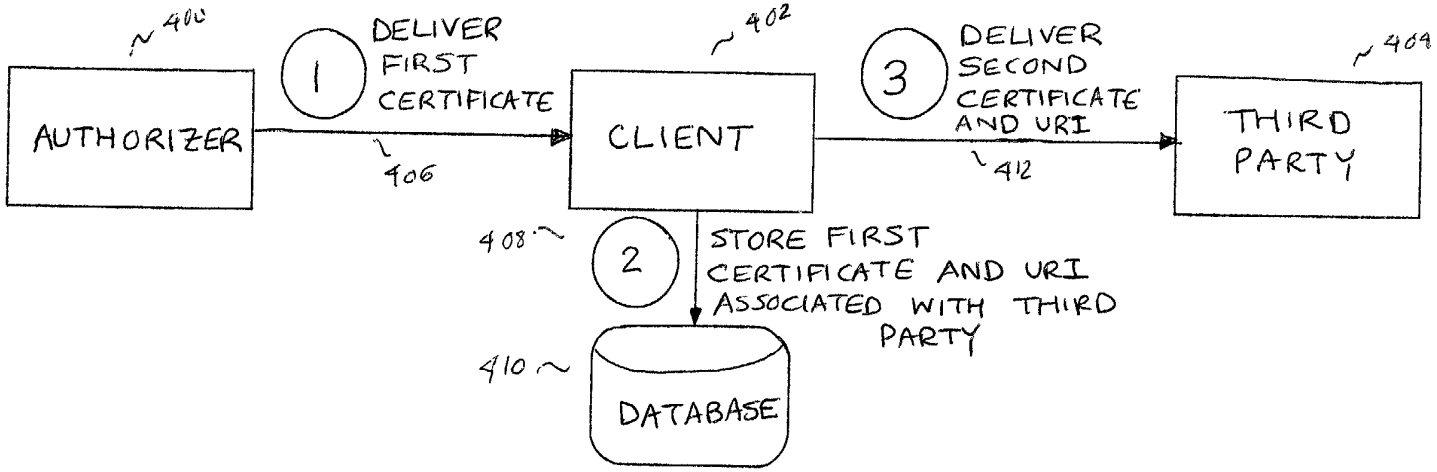
400
AUTHORIZER
1
DELIVER FIRST CERTIFICATE
406
402
CLIENT
3
DELIVER SECOND CERTIFICATE AND URI
412
404
THIRD PARTY
408
2
STORE FIRST CERTIFICATE AND URI ASSOCIATED WITH THIRD PARTY
410
DATABASE

FIG. 4A

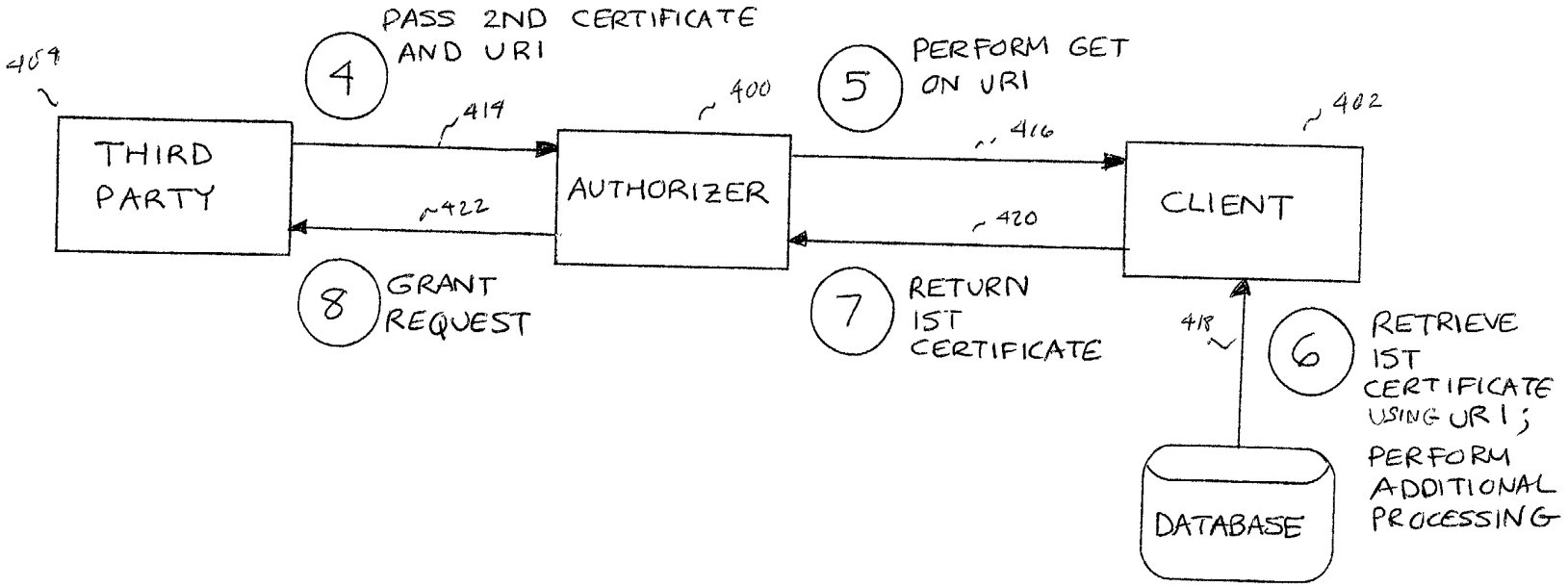
409
THIRD PARTY
4
PASS 2ND CERTIFICATE AND URI
419
400
AUTHORIZER
5
PERFORM GET ON URI
416
402
CLIENT
422
420
8
GRANT REQUEST
7
RETURN 1ST CERTIFICATE
418
6
RETRIEVE 1ST CERTIFICATE USING URI; PERFORM ADDITIONAL PROCESSING
DATABASE

FIG. 4B

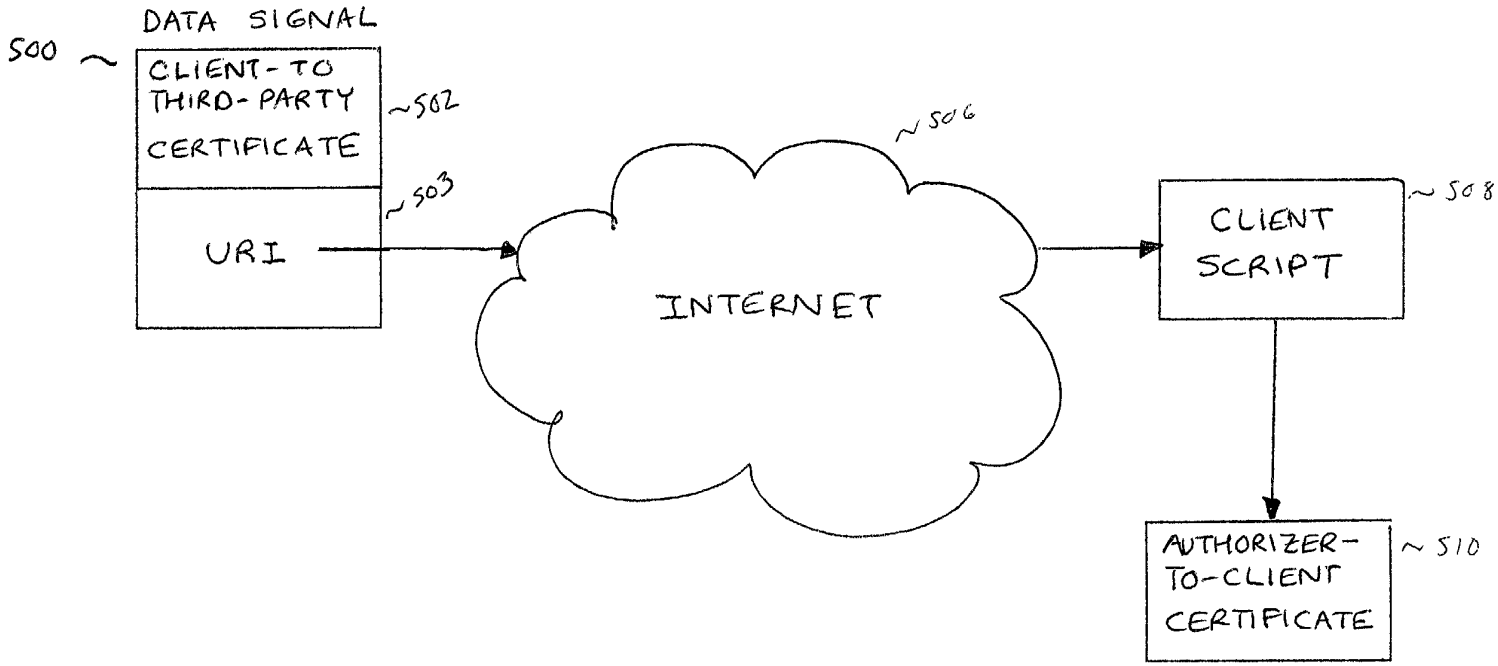

FIG. 5

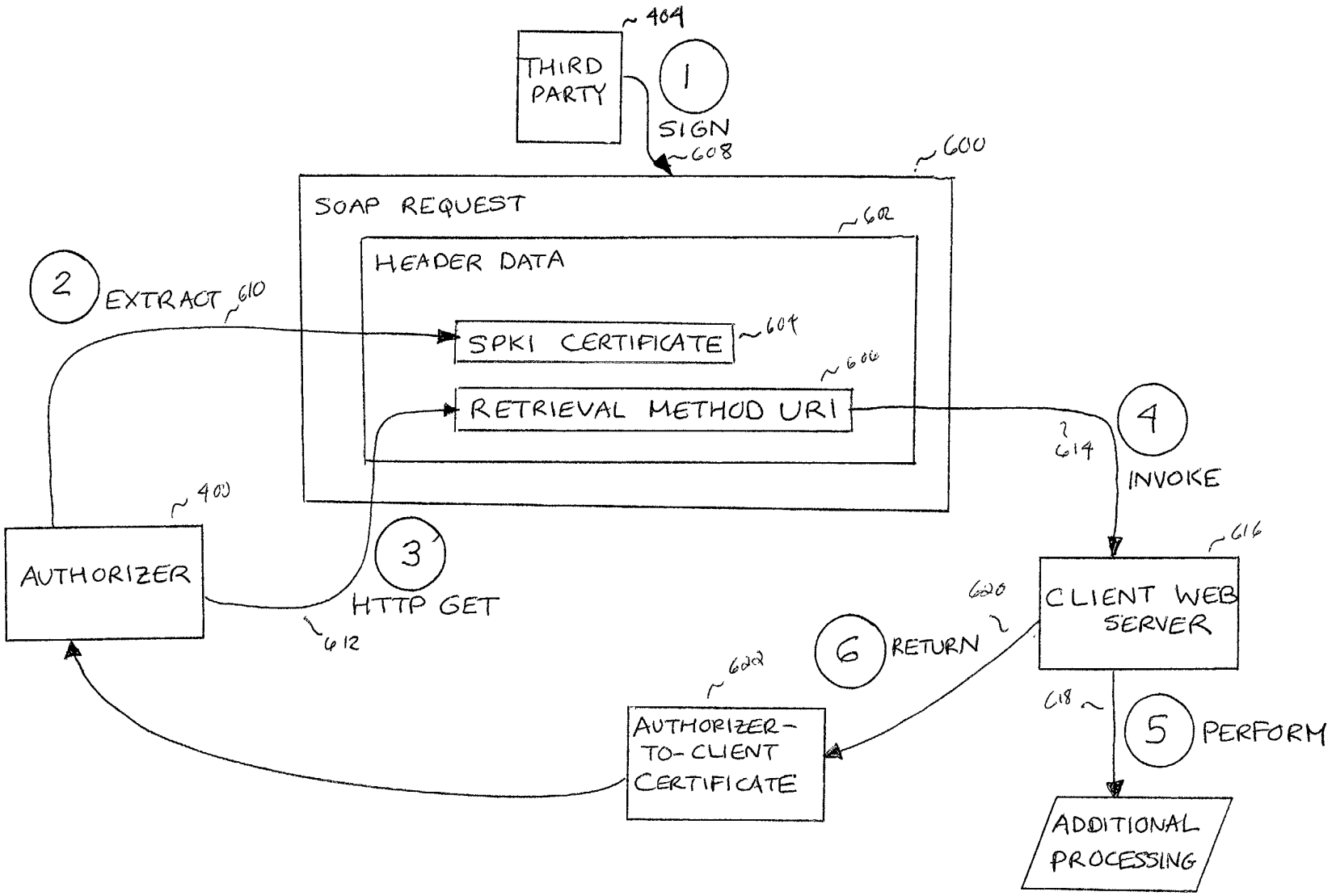
404
THIRD PARTY
1
SIGN
608
600
SOAP REQUEST
602
HEADER DATA
2
EXTRACT
610
SPKI CERTIFICATE
604
606
RETRIEVAL METHOD URI
614
4
INVOKE
400
AUTHORIZER
3
HTTP GET
612
616
CLIENT WEB SERVER
620
6
RETURN
622
AUTHORIZER-TO-CLIENT CERTIFICATE
618
5
PERFORM
ADDITIONAL PROCESSING

FIG. 6

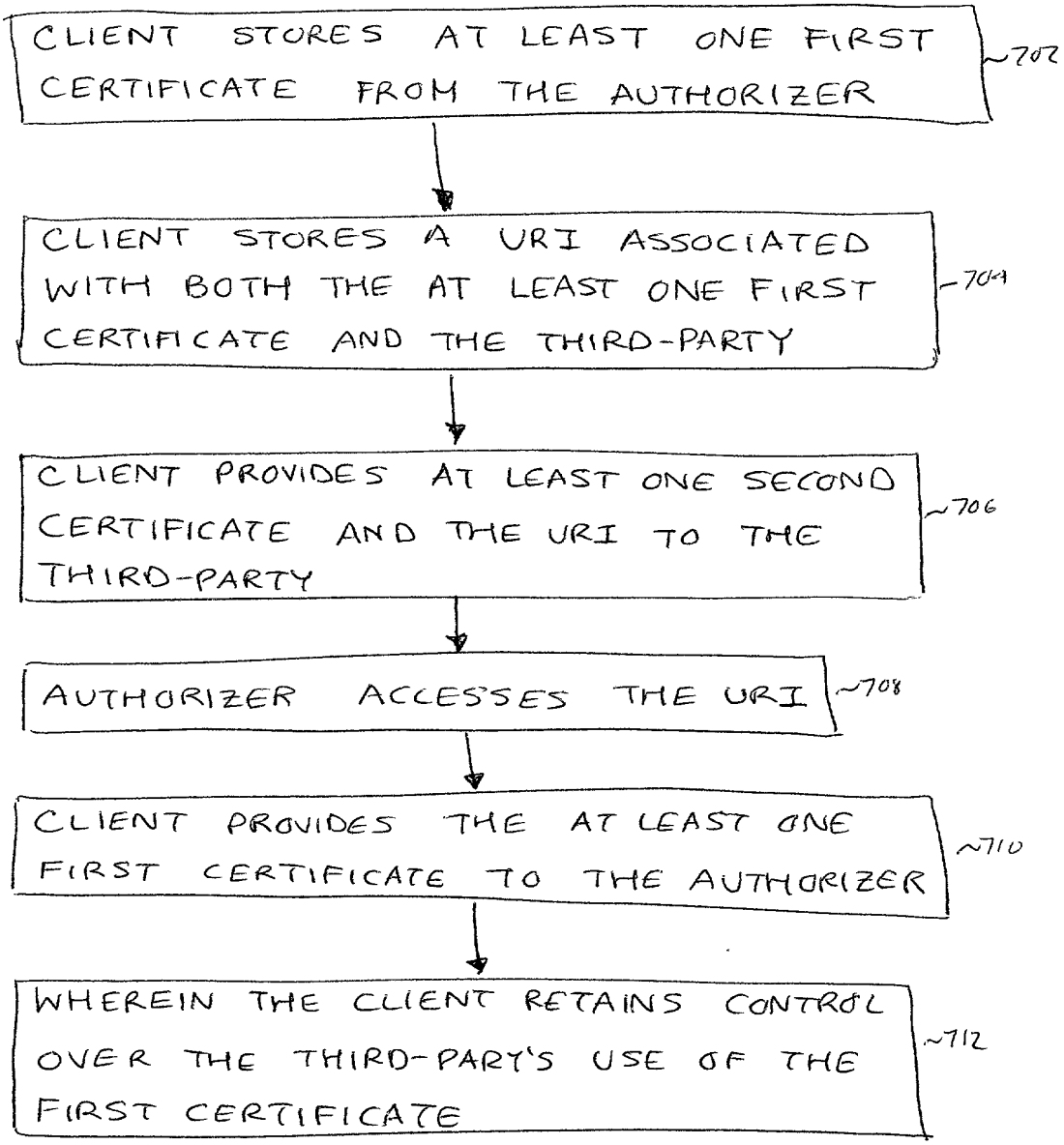
CLIENT STORES AT LEAST ONE FIRST CERTIFICATE FROM THE AUTHORIZER
702
CLIENT STORES A URI ASSOCIATED WITH BOTH THE AT LEAST ONE FIRST CERTIFICATE AND THE THIRD-PARTY
704
CLIENT PROVIDES AT LEAST ONE SECOND CERTIFICATE AND THE URI TO THE THIRD-PARTY
706
AUTHORIZER ACCESSES THE URI
708
CLIENT PROVIDES THE AT LEAST ONE FIRST CERTIFICATE TO THE AUTHORIZER
710
WHEREIN THE CLIENT RETAINS CONTROL OVER THE THIRD-PARTY'S USE OF THE FIRST CERTIFICATE
712
700

FIG. 7

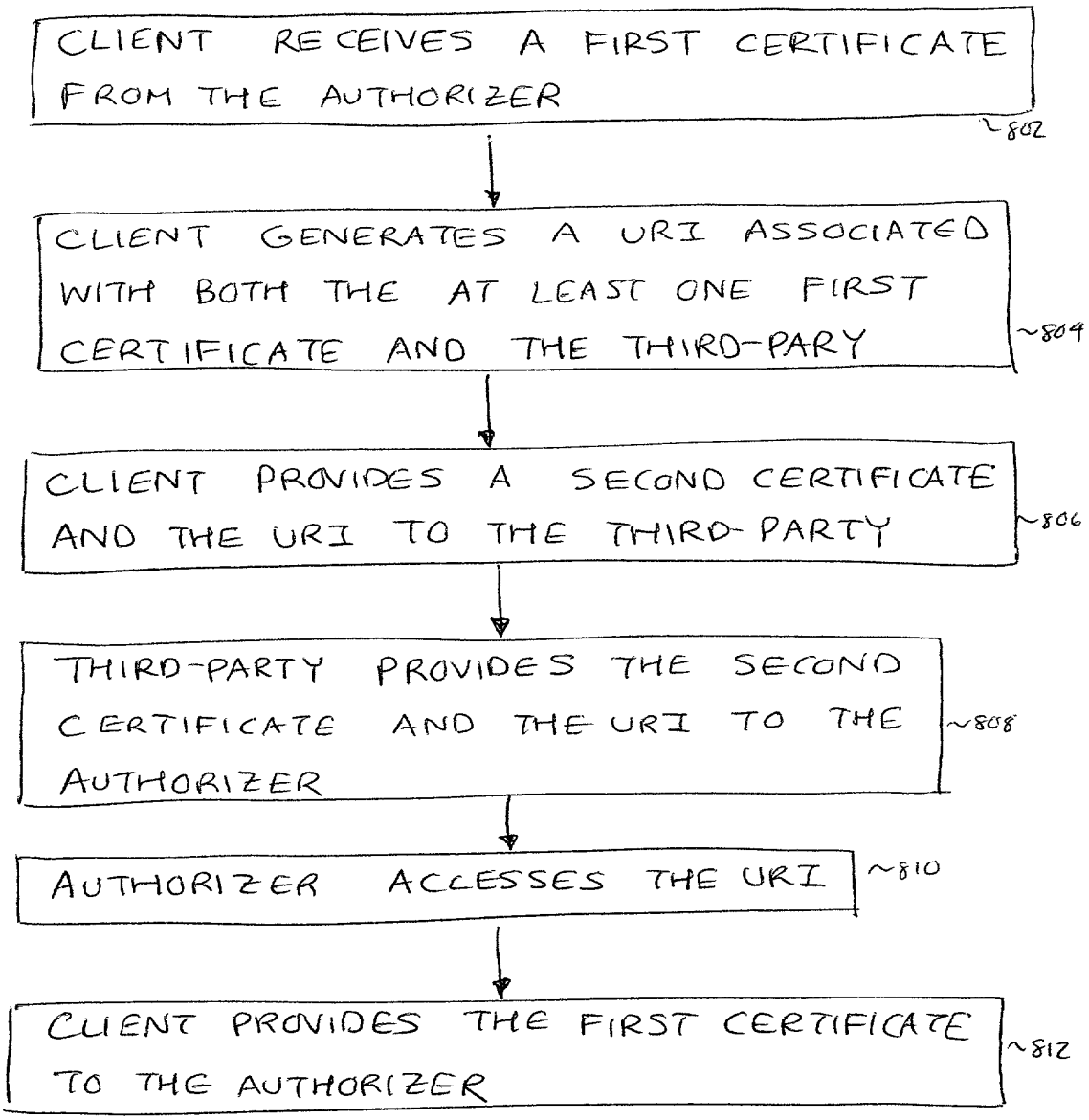
CLIENT RECEIVES A FIRST CERTIFICATE FROM THE AUTHORIZER
802
CLIENT GENERATES A URI ASSOCIATED WITH BOTH THE AT LEAST ONE FIRST CERTIFICATE AND THE THIRD-PARY
804
CLIENT PROVIDES A SECOND CERTIFICATE AND THE URI TO THE THIRD-PARTY
806
THIRD-PARTY PROVIDES THE SECOND CERTIFICATE AND THE URI TO THE AUTHORIZER
808
AUTHORIZER ACCESSES THE URI
810
CLIENT PROVIDES THE FIRST CERTIFICATE TO THE AUTHORIZER
812
800

FIG. 8